

# PM POWERED MIXER SYSTEMS



PM 500 SYSTEM  
PM 600 SYSTEM

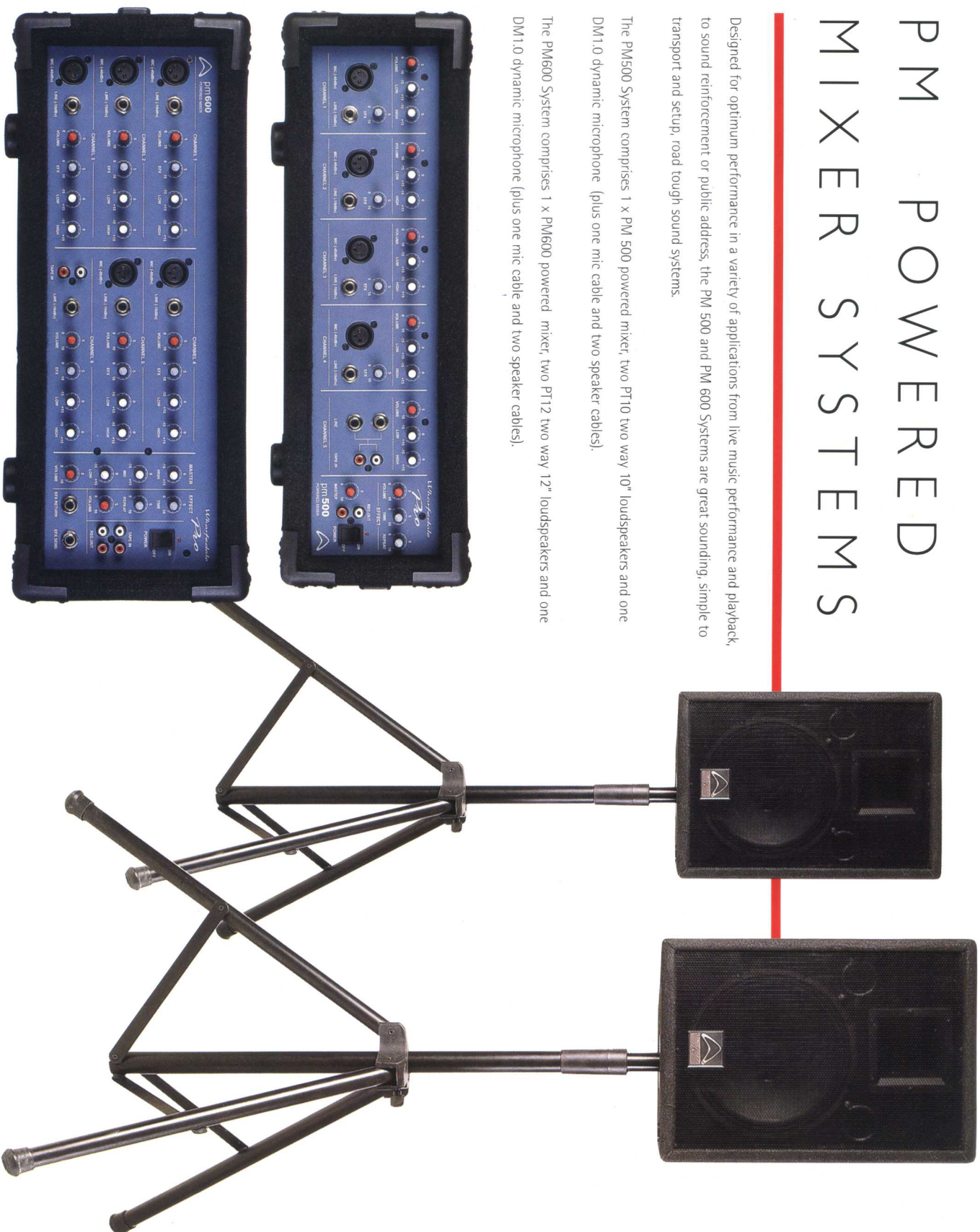


# PM POWERED MIXER SYSTEMS

Designed for optimum performance in a variety of applications from live music performance and playback, to sound reinforcement or public address, the PM 500 and PM 600 Systems are great sounding, simple to transport and setup, road tough sound systems.

The PM500 System comprises 1 x PM 500 powered mixer, two PT10 two way 10" loudspeakers and one DM1.0 dynamic microphone (plus one mic cable and two speaker cables).

The PM600 System comprises 1 x PM600 powered mixer, two PT12 two way 12" loudspeakers and one DM1.0 dynamic microphone (plus one mic cable and two speaker cables).



## PM500 and PM600 Mixer:

The PM Mixer section is protected by a tough carpet covered surround.

- Five (PM500) / Six (PM600) mono input channels featuring separate Mic Et line input
- Channel five (PM500) / Channel six (PM600) features extra Tape In button
- Digital Delay
- Tape In
- Record Out
- EFX Return / EFX Send (PM 600 only)
- Power On/Off on front of unit for easy use
- Parallel speaker outputs on rear of unit
- Main line output on rear of unit
- Built in 120 watt power amplifier in PM500 / built in 230 watt amplifier in PM600
- Two band channel EQ
- XLR plus 1/4" input socket
- Three band master EQ in PM 600
- Thermal protection

### PM500 Input



### PM600 Input



An integral part of the PM Systems are the PT loudspeakers. The PM500 comes with a pair of PT10 loudspeakers whilst the PM600 comes with a pair of PT12 loudspeakers. The PT series are high output, high efficiency loudspeakers featuring Wharfedale Pro proprietary drive units and a purpose built high quality Electro-Dynamic high frequency driver. With built in high frequency driver overload protection, the PT series are perfect for life on the road.



DM1 Mic

- Mic with On/Off switch
- Hardened steel mesh grille

The DM1.0 microphone features a tight cardioid pattern to minimize feedback problems and effectively reject signals not originating directly in front of the microphone capsule. The microphone also features an extended frequency range response for optimum reproduction and exceptionally clear, crisp sound. Special shock mounting allows movement of the microphone element to greatly reduce handling noise. The rugged zinc-alloy die casting case ensures reliable performance in even the most demanding environment. Able to withstand high SPL, the DM1.0 lends itself to a wide range of miking applications. The ultra sensitive element picks up all of the nuances of any performance, whilst the high energy neodymium magnet provides 6dB of noiseless gain.

The PT Series are built using a tough steel grille and tough road tested carpet.

Each loudspeaker has a pole mount top hat for use with poles or tripods.



MIXER MODEL	PM 500	PM 600
POWER APP - MAX OUTPUT IN WATTS	120 WATTS	230 WATTS
4 OHMS		
<b>INPUTS</b>		
BALANCED MIC	4	5
LINE CHANNELS	5	6
<b>INPUT IMPEDANCE</b>		
LOW Z (BALANCED)	2KOHMS	2KOHMS
LINE	16KOHMS	16KOHMS
MAIN OUT	UNBAL. TRS	UNBAL. TRS
CHANNELS	5	6
FREQUENCY RESPONSE (+/-3dB)	20Hz-25KHz	20Hz-25KHz
<b>MAXIMUM CHANNEL GAIN</b>		
LOW Z (BALANCED)	40dB	40dB
LINE	20dB	20dB
<b>MAXIMUM INPUT LEVEL</b>		
LOW Z (MIC)	0dB	0dB
LINE	+20dB	+20dB
<b>MAXIMUM OUTPUT LEVEL</b>		
MAIN	+18dBv	+18dBv
RECORD OUT	+5dBv	+5dBv
<b>MASTER EQ</b>		
HI EQ	NA	12KHz±12dB
MID EQ	NA	1KHz±12dB
LOW EQ	NA	80Hz±12dB
PROTECTION	THERMAL/LOAD	THERMAL/LOAD
<b>CHANNEL EQ</b>		
LOW EQ	80Hz±15dB	100Hz±12dB
HI EQ	12KHz±15dB	8KHz±12dB
<b>MASTER SECTION</b>		
BUILT IN DIGITAL EFFECT	YES	YES
THD	LESS THAN 0.1%	LESS THAN 0.1%
POWER CONSUMPTION	120 WATTS	230 WATTS
POWER REQUIREMENTS	160 WATTS	330 WATTS
SPEAKER CONNECTOR	1/4" JACK	1/4" JACK
WEIGHT	9.32KG/20.5lbs	11.48KG/24.7lbs
DIMENSIONS (W x D x H) mm	475 x 269 x 155 mm	475 x 241 x 188 mm
DIMENSIONS inches	18.7 x 10.6 x 6.1 inches	18.7 x 9.4 x 7.4 inches

#### DM1.0 MICROPHONE SPECIFICATIONS:

TYPE:	DYNAMIC
FREQUENCY RESPONSE:	50Hz to 18kHz
POLAR PATTERN:	CARDIOID
OUTPUT IMPEDANCE:	600 OHMS
OUTPUT LEVEL:	-72dB (0.1cm) 0dB = 1V @ 1mBar
CONNECTOR:	3- PIN GOLD PLATED BALANCED XLR MALE
WEIGHT:	258g

#### PT LOUDSPEAKER SPECIFICATIONS:

	PT10	PT12
FREQUENCY RESPONSE +/-6dB	65-20kHz	50-20kHz
SENSITIVITY 1W@1M	95dB	97dB
NOMINAL COVERAGE VERTICAL	60°	60°
POWER (WATTS)	110	150
CONTINUOUS	220	300
MUSIC	440	600
PEAK	119dB	121dB
MAX SPL PEAK	82	82
NOMINAL IMPEDANCE	499 x 341 x 279mm	554 x 398 x 332mm
DIMENSIONS (H x W x D) mm		
SHAPE	TRAP	TRAP
WEIGHT KG NET	11 KG	13.5 KG
WEIGHT LBS NET	24.2 lbs	29.7 lbs
LF DRIVER SIZE (mm/ins)	200/10	250/12
PROJECT TYPE	PTC	PTC
FINISH	CARPET	CARPET
COLOUR	BLACK	BLACK
HANDLES QUANTITY	2	2
GRILLE	BLACK FULL	BLACK FULL
STAND ADAPTOR	YES	YES
CONNECTORS IN	2 x 1/4" JACK	2 x 1/4" JACK

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